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- What is PHP?
- What can php do for you?
- How to install and configure PHP 5 on Windows box
- Your first PHP Script
- Variables
- Constants
- Arrays
- Sorting Arrays
- Multidimensional Arrays
- Conditional Statements
- Looping Statements
- Functions
- Form Processing
- Using Cookies in PHP
- Dynamic Image Generation
- File Upload
- Sending Email (Text/HTML/Attachments)
- Working with Directories
- How to connect to MySQL database using PHP
- How to connect to MSSQL database
- DSN and DSN-less connections
- Blocking access to the login page after three unsuccessful login attempts
- How to Encrypt Passwords in the Database

How to create a dump of MySQL database in one click



Your users probably asked you to add an option to export the whole database to SQL file. This can be done in phpMyAdmin or Navicat of course but your users want something simpler than that.

Create a new file named backup.php and paste the following code snippet there. Edit database connection settings and path to mysqldump if required. Add a link to backup.php to your application:

```
1 | <a href="backup.php">Export the whole database</a>
```

Please note that this script requires write permissions on scripts folder in order to save dump to file and zip it. If your scripts do not have such permissions use the second version of script. The only downside is that dump file won't be zipped.

Version with zipping. Requires write permissions on scripts folder.

```
1 | <?php
2 |
3 | $username = "root";
4 | $password = "";
5 | $hostname = "localhost";
6 | $dbname = "cars";
7 |
8 | // if mysqldump is on the system path you do not need to specify the full path
9 | // simply use "mysqldump --add-drop-table ..." in this case
10 | $dumpfname = $dbname . "_" . date("Y-m-d_H-i-s").".sql";
11 | $command = "C:\\xampp\\mysql\\bin\\mysqldump --add-drop-table --host=$hostname
12 | --user=$username ";
13 | if ($password)
14 |     $command.= "--password=". $password . " ";
15 | $command.= $dbname;
16 | $command.= " > " . $dumpfname;
17 | system($command);
18 |
19 | // zip the dump file
20 | $zipfname = $dbname . "_" . date("Y-m-d_H-i-s").".zip";
21 | $zip = new ZipArchive();
22 | if($zip->open($zipfname,ZIPARCHIVE::CREATE))
23 | {
24 |     $zip->addFile($dumpfname,$dumpfname);
25 |     $zip->close();
26 | }
27 |
28 | // read zip file and send it to standard output
29 | if (file_exists($zipfname)) {
30 |     header('Content-Description: File Transfer');
31 |     header('Content-Type: application/octet-stream');
32 |     header('Content-Disposition: attachment; filename='.basename($zipfname));
33 |     flush();
34 |     readfile($zipfname);
35 |     exit;
36 | }
37 | ?>
```

Version without zipping. Write permissions are not required.

```
1 | <?php
2 | ob_start();
3 |
4 | $username = "root";
5 | $password = "";
6 | $hostname = "localhost";
7 | $dbname = "cars";
8 |
9 | // if mysqldump is on the system path you do not need to specify the full path
10 | // simply use "mysqldump --add-drop-table ..." in this case
11 | $command = "C:\\xampp\\mysql\\bin\\mysqldump --add-drop-table --host=$hostname
12 | --user=$username ";
13 | if ($password)
14 |     $command.= "--password=". $password . " ";
15 | $command.= $dbname;
16 | system($command);
17 |
18 | $dump = ob_get_contents();
19 | ob_end_clean();
20 |
21 | // send dump file to the output
22 | header('Content-Description: File Transfer');
23 | header('Content-Type: application/octet-stream');
24 | header('Content-Disposition: attachment; filename='.basename($dbname . "_" .
25 |     date("Y-m-d_H-i-s").".sql"));
26 | flush();
27 | echo $dump;
28 | exit();]]>
```

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- PHP: Reading the "clean" text from RTF
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